

AMENDMENTS TO THE SPECIFICATION:

Please amend the specification as follows:

Please amend the paragraph on page 5 that begins with the word "Further" as follows:

Further, the present invention solves the technical problem that one database system of the prior art was not able to store application data of multiple application systems that use the database system simultaneously. The computer system described ~~in claim 1~~, and the method described ~~in claim 8~~ herein allow multiple application systems to use the same physical database system simultaneously. This is achieved through the ability of the data base system to support multiple profiles (different types of database users), ~~as described in claim 2~~, through the assigned profile. All memory portions of the database system are disjunctive and, therefore, consistently hold all application related data from the different application systems. The corresponding database software is described as a computer program product ~~in claim 16~~ herein and the corresponding client software for the application systems is described ~~in claim 17~~ herein. The corresponding data structure is also described ~~in claims 14 and 15~~ herein.

Please amend the paragraph on page 6 that begins with "Further the present invention provides" as follows:

Further, the present invention provides a solution to the technical problem of inadequate load balance of the database system caused by simultaneous access of multiple application systems. Improving the load balance is achieved by using multiple

application systems in combination with a single database system, ~~as described in claims 1 and 5-7~~ where the database system uses an operating system, which comprises the feature of creating multiple logical groups of processors in a SMP system. For example, when the highest database load originates from an ERP system, a possible configuration would be to assign 24 processors to the ERP system, 16 processors to the CRM system and only 8 processors to the SCM system, if the database server uses shared memory (SMP) and comprises at least 48 processors. A person of skill in the art can further increase the scalability of the database system through the usage of parallel database servers, by blending separate machines into a single large virtual database server with a shared cache memory.